

AMENDMENTS TO THE SPECIFICATION

Please amend the Specification as follows:

Page 17, paragraph beginning at line 4:

A numerical symbol 24 indicates a communication path hollow in the interior to ventilate air therein, the communication path is located between the vent hole section 5 and the sensor section 4 and between adjacent sensor sections 4, and communicates between the cavities 10 in the sensor sections 4 and ~~between the cavity 10 of the sensor section 4 and~~ the second cavity 22 of the vent hole section 5. The communication path 24 is constructed with the first insulating film 13 at the bottom and with the auxiliary electrode 21, which is a connection portion 30 made of a metal layer of the second wire 3, at the side surfaces and the top surface. The cavities 10 of the sensor sections 4 and the second cavities 22 of the vent hole sections 5 spatially communicate with each other by the communication paths 24 and the outside air can be ventilated through the vent holes 23. Since a lateral width of the communication path 24 is narrower than that of the cavity 10, dust coming from the vent hole 23 can be prevented from intruding into the cavity 10 through the communication path 24.

Page 24, paragraph beginning at line 10:

Since in this embodiment, the second electrodes 9 in the sensor sections 4 work additionally as a second wire 3, no necessity arises for providing a special space for disposing the second wire 3, thereby enabling the sensor sections 4 to be disposed in a higher packing density by increase in complexity corresponding to a saved [[apace]] space. Therefore, a proportion of the sensor sections 4 in the pressure detection region

is increased with improved resolution. Moreover, since the second electrodes 9 and the connection portions 30 are simultaneously formed by patterning the same metal layer, the connection portions can be formed with a simple process.

Page 30, paragraph beginning at line 24:

Then, description will be given of an arrangement method for sensor sections, vent hole sections and wires with which a high precision pressure sensor is realized with decrease in erroneous detection. Fig. 14 is a schematic view of a pressure sensor according to a fifth embodiment of the present invention. A construction of the pressure sensor is the same as that of the first embodiment; therefore, description thereof will not be repeated herein. In Fig. 14, a portion indicated with two dot chain lines is the outermost peripheral boundary portion where the sensor sections 4 along the outermost periphery [[are]] exists.